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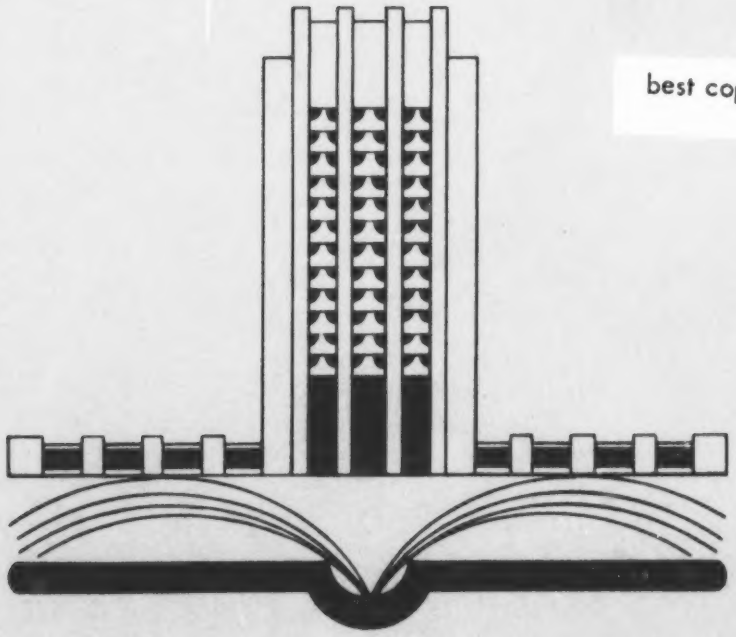

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New Mexico State University Library
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Steenbock Memorial Library
University of Wisconsin
550 Babcock Drive
Madison, WI 53706 (608)262-9635

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Contains citations to documents published later than January 1979.

0001
Accelerated development of infectious mink plasmacytosis (IMP) in animals fed single-cell protein produced by Pseudomonas methylotropha (Pruteen).
Almlid, T. ; Froysedal, K. Stockholm, Scandinavian Association of Agricultural Scientists. Acta agriculturae scandinavica. 1979. v. 29 (4). p. 363-368. ill. 32 ref. (NAL Call No.: 11 AC82).

0002
Adaptation of oxygen-sensitive hydrogen bacterium N34 to high oxygen tension (Microorganisms for the production of single-cell protein from carbon dioxide).
Nakamura, Y. ; Someya, J. Tokyo, Nippon Nogei Kagaku Kai. Agricultural and biological chemistry. Sept 1979. v. 43 (9). p. 1825-1831. ill. 18 ref. (NAL Call No.: 385 AG8B).

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Alcohol and single cell protein production by Kluyveromyces in concentrated whey permeates with reduced ash.
Mahmoud, M.M. ; Kosikowski, F.V. Champaign : American Dairy Science Association. Journal of dairy science. Nov 1982. v. 65 (11). p. 2082-2087. ill. 15 ref. (NAL Call No.: 44.8 J822).

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Algae mass cultivation--production and utilization (Production of single cell protein).
Becker, E.W. Watford, Eng., Wheatland Journals. Process biochemistry. Aug/Sept 1981. v. 16 (5). p. 10-14, 27. ill. 30 ref. (NAL Call No.: TP1.P7).

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Algal single cell protein from wastewater treatment and renovation process (Protein for animal feed).
Moraine, R. ; Shelef, G. New York, John Wiley & Sons. Biotechnology and bioengineering. July 1979. v. 21 (7). p. 1191-1207. ill. 16 ref. (NAL Call No.: 381 J8224).

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Algal single cell protein production from sewage effluent with high salinity (Chlorella salina).
Wong, P.K. ; Chan, K.Y. Basel, Birkhauser. Experientia. Sept 15, 1980. v. 36 (9). p. 1065-1066. ill. 23 ref. (NAL Call No.: 475 EX7).

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Amino acid, fatty acid, cholesterol and other sterols analyses of different pizza formulations.
Kamel, Basil. ; Kramer, A. Westport, Conn., Food and Nutrition Press. Journal of food quality. May 1979. v. 2 (2). p. 123-133. charts. 14 ref. (NAL Call No.: TP373.5.J6).

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Daghir, N.J. ; Sell, J.L. Champaign, Ill., Poultry Science Association. Poultry science. Feb 1982. v. 61 (2). p. 337-344. Includes 17 ref. (NAL Call No.: 47.8 AM33P).

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Anaerobic digestion of jute-stick powder by a mesophilic cellulolytic Clostridium species (source of reducing sugar and single-cell protein).
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Annual reports on fermentation processes, vol. 1.
; Perlman, D. New York Academic Press 1977. 386 p. Includes bibliographies and index. (NAL Call No.: TP540.A5 v.1 F&N B-2236).

0013
Apparent nutrient digestibility by sheep of single cell protein harvested from the secondary clarifiers of a kraft pulp mill and dewatered by centrifugation or addition of a polyacrylamide polymer and sonically dehydrated.
Kellems, R.O. ; Church, D.C. (s.l.), The Society. Proceedings of the annual meeting - American Society of Animal Science. Western Section. 1980. v. 31. p. 240-243. 12 ref. (NAL Call No.: 389.9 AM31).

0014
Application of temperature-sensitive mutants (of Saccharomyces cerevisiae) for single-cell protein production.
Miyasaka, Y. ; Rha, C.; Sinskey, A.J. New York, John Wiley & Sons. Biotechnology and bioengineering. Oct 1980. v. 22 (10). p. 2065-2079. ill. 14 ref. (NAL Call No.: 381 J8224).

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Application of tower type fermentor (for single-cell protein production) with two-fluid nozzle to biomass production from methanol.
Goto, S. ; Kuwajima, T.; Okabe, M.; Okamoto, R.; Takamatsu, A. Osaka, Society of Fermentation Technology. Journal of fermentation technology. Aug 1979. v. 57 (4). p. 341-348. ill. 17

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Arachidonic acid production by the red alga Porphyridium cruentum (Single-cell protein).
Ahern, T.J.BIBIA. ; Katoh, S.; Sada, E. New York : John Wiley & Sons. Biotechnology and bioengineering. Apr 1983. v. 25 (4). p. 1057-1070. ill. Includes references. (NAL Call No.: 381 J8224).

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Automatic control for fed-batch culture of single cell protein (Candida utilis, yeast).
Huang, S.Y. ; Chu, W.B. New York, John Wiley & Sons. Biotechnology and bioengineering. July 1981. v. 23 (7). p. 1491-1499. ill. Bibliography p. 1499. (NAL Call No.: 381 J8224).

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The availabilities of lysine, methionine and tryptophan in (the single-cell protein) Pruteena by chick growth assay.
Abbey, B.W. ; Boorman, K.N.; Lewis, D. Oxford, Blackwell Scientific Publications. Journal of the science of food and agriculture. May 1980. v. 31 (5). p. 421-431. ill. 13 ref. (NAL Call No.: 382 S012).

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Availability and metabolism of purines of single-cell proteins in monogastric animals (Dalmatian dogs, as animal model for man).
Giesecke, D.PNUSA. ; Tiemeyer, W. London : Cambridge University Press. The Proceedings of the Nutrition Society. Sept 1982. v. 41 (3). p. 319-327. 1 p. ref. (NAL Call No.: 389.9 N953).

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Molina, D.E. ; Galvez, N.I.P.; Callieri, D.A. Caracas : Asociacion Venezolana para el Avance de la Ciencia. Acta cientifica venezolana. 1983. v. 34 (1). p. 59-64. Includes references. (NAL Call No.: 475 AC83).

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Bacterial proteins (Single-cell protein).
Schlingmann, M. ; Faust, U.; Scharf, U. Barking, England : Elsevier Applied Science Publishers, Ltd. Developments in food proteins. 1984. Literature review. v. 3. p. 139-173. ill. Includes 139 references. (NAL Call No.: TX553.P7D41).

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Papoutsakis, E. ; Hirt, W.; Lim, H.C. New York, John Wiley & Sons. Biotechnology and bioengineering. Jan 1981. v. 23 (1). p. 235-242. ill. 19 ref. (NAL Call No.: 381 J8224).

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Bioconversion of shellfish chitin waste: waste pretreatment, enzyme production, process design, and economic analysis (Single-cell protein, Serratia marcescens).
Cosio, I.G. ; Fisher, R.A.; Carroad, P.A. Chicago, Institute of Food Technologists. Journal of food science. May/June 1982. v. 47 (3). p. 901-905. ill. Includes ref. (NAL Call No.: 389.8 F7322).

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Bioconversion of wheat straw and wheat straw components into single-cell protein used for feeding as roughage to the farm animals).
Chahal, D.S. ; Moo-Young, M. Ottawa. Canadian journal of microbiology. July 1979. v. 25 (7). p. 793-797. ill. 19 ref. (NAL Call No.: 448.8 C162).

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Uyenco, F.R. Serdang, Selangor, Malaysia : Dept. of Engineering Science, Univ. Pertanian Malaysia, 1982 . Technology, utilization, and management of agricultural wastes : proceedings of a regional seminar, 15-17 Sept 1982 / spon. by Universiti Pertanian Malaysia, UNESCO, FEISEAP ; editors, S.A. Salam, Aba. p. 57-70. ill. Includes references. (NAL Call No.: DNAL TD930.T4 1982).

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Bioproteins in the feeding of growing-finishing pigs in Norway. V. A methanol-based yeast (Pichia aganobii) replacing soybean meal as protein supplement in cereal diets (Single-cell protein).
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Biotechnology and effluent treatment (Sewage, other wastes, single cell protein, technology).
Wheatley, A.D. Newcastle upon Tyne: Intercept. Biotechnology and genetic engineering reviews. 1984. Literature review. v. 1. p. 261-309. Includes 7 p. references. (NAL Call No.: TP248.3.B46).

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Byproduct protein sources for supplementing forages (Ruminant feeds, includes single cell protein, fish wastes, ammoniated whey).
Church, D.C. Fayetteville : The Station. Special report - Agricultural Experiment Station, Cooperative Extension Service, University of Arkansas. July 1983.. Presented at the 1982 Carl B. and Florence E. King Workshop on Analysis of Forages and Feeds. July 1983. (113). p. 146-171. Includes references. (NAL Call No.: 100 AR42SP).

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Carbohydrates from hydrocarbons. III. Microbiological aspects of the synthesis of protein and other polymeric materials from hydrocarbons (single cell protein).
Jwanny, E.W. ; Rashad, M.M. Cairo : The Faculty. Research bulletin - Ain Shams University, Faculty of Agriculture. Dec 1982. Dec 1982. (2064). 12 p. Includes 25 references. (NAL Call No.: S539.5.R47).

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Cellulase activity of a thermophilic Aspergillus fumigatus (Fresenius) strain (Conversion of cellulose into cellobiose or glucose, to serve as substrates for single cell protein production or other fermentations).
Vandamme, E.J.JCTBD. ; Logghe, J.M.; Geeraerts, H.A.M. London : Blackwell Scientific Publications. Journal of chemical technology and biotechnology. Oct 1982. v. 32 (10). p. 968-974. 32 ref. (NAL Call No.: 382 J82).

0036
Cellulose hydrolysis of papermill sludge (for single cell protein, ethanol).
Paquot, M. ; Herman, L. London : Applied Science Publishers, 1983. Production and feeding of single cell protein / edited by M.P. Ferranti and A. Fiechter. p. 118-119. Includes references. (NAL Call No.: TP453.P7C6 1983).

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Characterization of a morphological mutant of Saccharomyces cerevisiae for single-cell protein production.
Miyasaka, Y. ; Sinskey, A.J.; Deangelo, J.; Rha, C. Chicago, Institute of Food Technologists. Journal of food science. May/June 1981. v. 45 (3). p. 558-563. ill. Bibliography p. 563. (NAL Call No.: 389.8 F7322).

0038
Characterization of the assimilatory and dissimilatory pathways of carbon metabolism during growth of Methylophilus methylotrophus on methanol (Single-cell protein).
Beardsmore, A.J. ; Aperghis, P.N.G.; Quayle, J.R. Reading, Eng., Society for General Microbiology. The Journal of general microbiology. July 1982. v. 128 (pt.7). p. 1423-1439. 2 p. ref. (NAL Call No.: 448.3 J823).

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Cheese whey for protein-rich animal supplement (Single-cell protein, feed supplement).
Barraquio, V.L. ; Silverio, L.G.; Revilleza, R.P.; Fernandez, W.L. Manila, Philippines, The Board. NSTA technology journal - National Science Development Board. Oct/Dec 1981. v. 6 (4). p. 14-21. 17 ref. (NAL Call No.: T1.N7).

0040
Chemical composition of sewage-grown Spirulina platensis (Blue-green algae, single cell protein).
Saxena, P.N.EXPEA. ; Ahmad, M.R.; Shyam, R.; Misra, P.S. Basel : Birkhauser. Experientia. Dec 15, 1982. v. 38 (12). p. 1438. 12 ref. (NAL Call No.: 475 EX7).

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Chemical composition of single-cell protein, and its feeding effect on nutrient utilization and rumen fermentation in goats.
Singhal, K.K. ; Mudgal, V.D. New Delhi : Indian Council of Agricultural Research. The Indian journal of animal sciences. Nov 1983. v. 53 (11). p. 1219-1224. Includes references. (NAL Call No.: 41.8 IN22).

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Chicken manure and blood waste for growing Chlorella pyrenoidosa (Production of single cell protein).
Wong, M.H. Oxford, Pergamon Press. Conservation and recycling. 1981. v. 4 (1). p. 9-14. ill. 24 ref. (NAL Call No.: TD794.5.A1C6).

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Commercial single-cell proteins either as sole food source or in formulated diets for intensive and continuous production of rotifers (Brachionus plicatilis).
Gatesoupe, F.J. ; Robin, J.H. Amsterdam, Elsevier Scientific Publishing. Aquaculture. July 1981. v. 25 (1). p. 1-15. ill. 9 ref. (NAL Call No.: SH1.A6).

0044
Comparison of cell yield and protein content of some isolates of yeasts from natural sources with Candida utilis (ATCC 8205) and a mutant strain K50 (Single cell protein).
Chowdhury, M.S.U.BJOADD. ; Baqir, A.W.; Noris, R.A.K. Dacca : Bangladesh Agricultural Research Council. Bangladesh journal of agriculture. Dec 1981/Mar 1982. v. 6/7 (4/1). p. 47-53. Includes references. (NAL Call No.: S542.B35834).

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